

ABSTRACT

A conjoining apparatus using electromagnetic forming includes a field shaper for concentrating a magnetic field to a conjoining working object, a coil for generating and applying the magnetic field to the field shaper such that the field shaper can form a reactive force, and a charging circuit for supplying electricity to the coil. An auxiliary ring having higher conductivity than steel is disposed between the field shaper and the working object for generating an induced magnetic field.

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